SMC4 Solar Connector

Simple on-site processing.
Acomodates PV cable with different insulation diameters.
Mating safety provided bykeyed housings.
Multiple plugging and unplugging cycles .
High current carrying capacity.
TUV and UL approved.

Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size （mm²）	Cable OD (ϕDmm)
SMC4-CMMM-14	SMC4-CMMM-H	SMC4-CM-T14	AWG 14(2.5 mm²)	ϕ4.5-ϕ8.5
SMC4-CMMM-12		SMC4-CM-T12	AWG 12(4.0 mm²)	
SMC4-CMMM-10		SMC4-CM-T10	AWG 10(6.0 mm²)	
Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size （mm²）	Cable OD (mm)
SMC4-CFPM-14	SMC4-CFPM-H	SMC4-CF-T14	AWG 14(2.5 mm²)	ϕ4.5-ϕ8.5
SMC4-CFPM-12		SMC4-CF-T12	AWG 12(4.0 mm²)	
SMC4-CFPM-10		SMC4-CF-T10	AWG 10(6.0 mm²)	

Rated current	30A（2.5-6mm²）
Rated voltage	1000v DC
Test voltage	6000V(50Hz，1min)
Overvoltage type/pollution degree	CAT Ⅲ /2
Contact resistance of plug connector	1mΩ
Contact material	Copper，Tin-plated
Insulation material	PPO

Degree of protection	IP2X/IP67
Flame class	UL94-VO
Safety class	Ⅱ
Suitable cable	OD 4.5-8.5（2.5-6.0 mm²）
Insertion force/withdrawal force	≤ 50N/ ≥ 50N
Connecting system	Crimp connection
Temperature range	-40℃ ~+125℃